

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

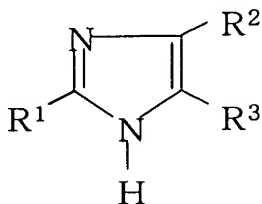
LISTING OF CLAIMS

1. (cancelled).
2. (cancelled).
3. (currently amended) An organic bistable memory device comprising the an organic bistable element and a limiter, wherein according to claim 1 or 2.

interposed between a first electrode and a second electrode, and

the organic bistable element has a single-layer structure comprising an organic thin film the limiter limits current, which flows in either a positive bias side or a negative bias side to a given value in writing information into the organic bistable element.

the organic thin film formed of an organic compound represented by formula (I):



(I)

wherein, in R¹, R², and R³,

one or two of them each independently represent an electron-donating group selected from the group consisting of -H, -NH₂, -NHR, -NR₂, -SR, -X, -CX₃, -OH, -OCH₃, -OR and -R wherein R represents a straight chain or branched chain alkyl group having 1 to 24 carbon atoms in which one or at least two methylene groups in the alkyl group are optionally substituted by a substituent of -O-, -S-, -CO-, -CHW-, wherein W represents -F, -Cl, -Br, -I, -CN or -CF₃, -CH=CH-, or -C≡C-, provided that a plurality of said substituents are not adjacent to each other, and X represents -F, -Cl, -Br, or -I and

the remaining group or groups of R¹, R², and R³ each independently represent an electron-receiving group selected from the group consisting of -CN, -NO₂, -COR, -COOH, -COOR and -SO₃H.

4. (cancelled).

5. (cancelled).

6. (new) The organic bistable memory device according to Claim 3, further comprising a substrate and either the first electrode or the second electrode is stacked in contact with a top of the substrate.